

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-105. (Cancelled)

106. (Previously Presented) A method for obtaining a digital license for rendering a piece of digital content comprising:

contacting, by a license requestor, a license provider;

sending, by the license requestor, a license request for the license to the contacted license provider;

checking, by the license provider, the license request for validity;

negotiating, by the license requestor and the license provider, terms and conditions for the requested license;


generating, by the license provider, the requested license; and

issuing, by the license provider, the generated license to the license requestor.

107. (Previously Presented) The method of claim 106 wherein the digital content has corresponding license acquisition information including a location of a license provider for providing the license, the method further comprising determining, by the license requestor, the location of the license provider from the license acquisition information, wherein contacting the license provider comprises contacting the license provider at the determined location.

108. (Previously Presented) The method of claim 106 wherein the license provider is a license server attached to a communications network, and wherein contacting the license server occurs over the communications network.

109. (Previously Presented) The method of claim 108 wherein sending the license request and issuing the generated license occur over the established network connection.

 110. (Previously Presented) The method of claim 106 wherein the license request originates from a device including a security portion, and wherein sending the license request comprises sending license request information to the license provider, the license request information including:

- an identification of the device;
- an identification of the license requestor;
- a public key of the device;
- a version number of the security portion;
- a certificate with a digital signature from a certifying authority certifying the security portion;
- a content ID that identifies the digital content; and
- a key ID that identifies a decryption key (KD) for decrypting the digital content.

111. (Previously Presented) The method of claim 110 wherein generating the requested license comprises generating the requested license based on the license request information.

112. (Previously Presented) The method of claim 106 wherein the license request originates from a device including a security portion, wherein sending the license request comprises sending license request information to the license provider, the license request information including a version number of the security portion, and wherein checking the license request for validity includes checking the version number of the security portion to determine whether such version number is current.

113. (Previously Presented) The method of claim 112 further comprising refusing to issue the requested license until the security portion is upgraded to a version having a current version number.

114. (Previously Presented) The method of claim 106 wherein the license request originates from a device including a security portion, wherein sending the license request comprises sending license request information to the license provider, the license request information including a certificate with a digital signature from a certifying authority certifying the security portion, and wherein checking the license request for validity includes checking the certificate with the digital signature from the certifying authority to determine whether such digital signature has been modified.

115. (Previously Presented) The method of claim 106 wherein sending the license request comprises sending license request information to the license provider, the license request information including an identification of the license requestor, and wherein checking the license request for validity includes checking the identified license requestor against a list of license requestors to determine whether such license requestor is license-able.

116. (Previously Presented) The method of claim 106 wherein the license request originates from a device, wherein sending the license request comprises sending license request information to the license provider, the license request information including an identification of the device, and wherein checking the license request for validity includes checking the identified device against a list of devices to determine whether such device is license-able.

117. (Previously Presented) The method of claim 106 wherein sending the license request comprises sending license request information to the license provider, the license request information including a content ID that identifies the digital content, the method further comprising locating, by the license provider, license provider information corresponding to the digital content based on the content ID, the license provider information including a decryption key (KD) for decrypting the digital content, license data regarding types of licenses available for the digital content, and terms and conditions for each type of license

118. (Previously Presented) The method of claim 117 further comprising transmitting, from the license provider to the license requestor, information on the types of licenses available for the digital content.

119. (Previously Presented) The method of claim 117 wherein generating the requested license comprises generating a license including:
the content ID of the digital content; and
the terms and conditions of the license.

120. (Previously Presented) The method of claim 119 wherein the license request originates from a device having a public key, and wherein generating the requested license comprises generating a license further including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

121. (Previously Presented) The method of claim 119 wherein generating the requested license comprises generating a license further including a digital signature from the license provider based on at least a portion of the generated license, the digital signature being encrypted with a license provider private key.

122. (Previously Presented) The method of claim 119 wherein generating the requested license comprises generating a license further including a certificate indicating that the license provider has the authority to issue the generated license.

123. (Previously Presented) The method of claim 106 wherein sending the license request comprises sending license request information to the license provider, the license request information including a key ID that identifies a decryption key (KD) for decrypting the digital content, the method further comprising locating, by the license provider, the decryption key (KD) for decrypting the digital content based on the key ID.

p/ 124. (Previously Presented) The method of claim 123 wherein the license request originates from a device having a public key, and wherein generating the requested license comprises generating a license including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.


125. (Previously Presented) The method of claim 106 wherein negotiating the terms and conditions includes providing, by the license requestor to the license provider, further information as defined by the license provider.

126. (Previously Presented) The method of claim 106 wherein negotiating the terms and conditions includes determining a payment instrument for paying for the requested license.

127. (Previously Presented) The method of claim 106 wherein negotiating the terms and conditions includes determining a payment schedule for paying for the requested license.

128. (Previously Presented) The method of claim 106 wherein generating the requested license comprises generating the requested license based on the license request.

129. (Previously Presented) The method of claim 106 further comprising maintaining, by the license provider, a record of the issued license.

 130. (Previously Presented) The method of claim 129 further comprising providing, by the license provider to the license requestor, a re-issue of the issued license based upon the record of the issued license and upon request by the license requestor, wherein the re-issue can replace the issued license in the case where the issued license is lost.

131. (Previously Presented) The method of claim 106 further comprising placing, by the license requestor, the issued license in a license storage location.

132. (Previously Presented) The method of claim 106 wherein issuing the generated license comprises issuing the generated license in a form separate from the digital content.

133. (Previously Presented) The digital license as obtained by the method of claim 106.

134. (Previously Presented) The license of claim 133 for rendering a piece of digital content on a device having a public key and a private key, the digital content having a content ID, being encrypted, and being decryptable with a decryption key (KD), the digital license comprising:

the content ID of the digital content;

a license rights description specifying terms and conditions that must be satisfied before the digital content may be rendered; and

the decryption key (KD) for decrypting the digital content, the decryption key being encrypted with the public key of the device (PU(KD)), wherein the device can apply the private key thereof to (PU(KD)) to obtain the decryption key (KD).

135. (Previously Presented) The license of claim 134 wherein the license rights description is encrypted with the decryption key (KD).

136. (Previously Presented) The license of claim 134 further comprising a digital signature for validating the license.

137. (Previously Presented) The license of claim 136 wherein the license is provided by a license server having a private key and a public key, and wherein the digital signature is encrypted with the private key of the license server.

138. (Previously Presented) The license of claim 136 wherein the digital signature is based at least in part on the license rights description, wherein alteration of the license rights description prevents the digital signature from validating the license.

139. (Previously Presented) The license of claim 136 wherein the digital signature is based at least in part on (PU(KD)), wherein alteration of (PU(KD)) prevents the digital signature from validating the license.

20 | 140. (Previously Presented) The license of claim 134 wherein the license rights description is written in a predetermined license language, the digital license further comprising a license language tag specifying the license language.

141. (Previously Presented) The license of claim 134 wherein the license is provided by a license server and the digital content is provided by a content server, the license further comprising a certificate from the content server indicating that the license server has authority from the content server to provide the license.

142. (Previously Presented) The license of claim 141 wherein the license server has a public key and a private key, and wherein the certificate includes the public key of the license server.

143. (Previously Presented) The license of claim 142 wherein the content server has a public key and a private key, wherein the certificate is signed with the private key of the content server, and wherein the device obtains the public key of the content server to decrypt the encrypted signature.

144. (Previously Presented) The license of claim 134 wherein the license is provided by a license server authorized by a root source to provide the license, the license further comprising a certificate from the root source indicating that the license server has authority from the root source to provide the license.

145. (Previously Presented) The license of claim 144 wherein the license server has a public key and a private key, and wherein the certificate includes the public key of the license server.

146. (Previously Presented) The license of claim 145 wherein the root source has a public key and a private key, wherein the certificate is signed with the private key of the root source, and wherein the device obtains the public key of the root source to decrypt the encrypted signature.

147. (Previously Presented) The license of claim 134 wherein the license is provided by a license server authorized by an intermediary source to provide the license, the intermediary source in turn being authorized by a root source to authorize the license server, the license further comprising a first certificate from the root source indicating

that the intermediary source has authority from the root source to authorize the license server, and a second certificate from the intermediary source indicating that the license server has authority from the intermediary source to provide the license.

148. (Previously Presented) The license of claim 147 wherein the license server has a public key and a private key, wherein the intermediary source has a public key and a private key, wherein the first certificate includes the public key of the intermediary source, and wherein the second certificate includes the public key of the license server.

149. (Previously Presented) The license of claim 148 wherein the root source has a public key and a private key, wherein the first certificate is signed with the private key of the root source, wherein the second certificate is signed with the private key of the intermediary source, and wherein the device obtains the public key of the root source to decrypt the encrypted signature of the first certificate, and wherein the device obtains the public key of the intermediary source from the first certificate to decrypt the encrypted signature of the second certificate.

150. (Previously Presented) A method for a license requestor to obtain a digital license for rendering a piece of digital content comprising:

- contacting a license provider;
- sending a license request for the license to the contacted license provider, the license provider thereafter checking the license request for validity;

negotiating terms and conditions for the requested license with the license provider, the license provider thereafter generating the requested license; and receiving the generated license as issued by the license provider.

151. (Previously Presented) The method of claim 150 wherein the digital content has corresponding license acquisition information including a location of a license provider for providing the license, the method further comprising determining the location of the license provider from the license acquisition information, wherein contacting the license provider comprises contacting the license provider at the determined location.

152. (Previously Presented) The method of claim 150 wherein the license provider is a license server attached to a communications network, and wherein contacting the license server occurs over the communications network.

153. (Previously Presented) The method of claim 152 wherein sending the license request and receiving the generated license occur over the established network connection.

154. (Previously Presented) The method of claim 150 wherein the license request originates from a device including a security portion, and wherein sending the license request comprises sending license request information to the license provider, the license request information including:

an identification of the device;

an identification of the license requestor;
a public key of the device;
a version number of the security portion;
a certificate with a digital signature from a certifying authority certifying the security portion;
a content ID that identifies the digital content; and
a key ID that identifies a decryption key (KD) for decrypting the digital content.

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155. (Previously Presented) The method of claim 150 wherein the license request originates from a device including a security portion, wherein sending the license request comprises sending license request information to the license provider, the license request information including a version number of the security portion, the license provider checking the version number of the security portion to determine whether such version number is current.

156. (Previously Presented) The method of claim 150 wherein the license request originates from a device including a security portion, wherein sending the license request comprises sending license request information to the license provider, the license request information including a certificate with a digital signature from a certifying authority certifying the security portion, license provider checking the certificate with the digital signature from the certifying authority to determine whether such digital signature has been modified.

157. (Previously Presented) The method of claim 150 wherein sending the license request comprises sending license request information to the license provider, the license request information including an identification of the license requestor, the license provider checking the identified license requestor against a list of license requestors to determine whether such license requestor is licenseable.

158. (Previously Presented) The method of claim 150 wherein the license request originates from a device, wherein sending the license request comprises sending license request information to the license provider, the license request information including an identification of the device, the license provider checking the identified device against a list of devices to determine whether such device is licenseable.

159. (Previously Presented) The method of claim 150 wherein sending the license request comprises sending license request information to the license provider, the license request information including a content ID that identifies the digital content, the license provider locating license provider information corresponding to the digital content based on the content ID.

160. (Previously Presented) The method of claim 159 wherein the license provider information includes a decryption key (KD) for decrypting the digital content, license data regarding types of licenses available for the digital content, and terms

and conditions for each type of license, the method further comprising receiving from the license provider information on the types of licenses available for the digital content.

161. (Previously Presented) The method of claim 159 wherein receiving the requested license comprises receiving a license including:

the content ID of the digital content; and
the terms and conditions of the license.

91 162. (Previously Presented) The method of claim 161 wherein the license request originates from a device having a public key, and wherein receiving the requested license comprises receiving a license further including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

163. (Previously Presented) The method of claim 161 wherein receiving the requested license comprises receiving a license further including a digital signature from the license provider based on at least a portion of the generated license, the digital signature being encrypted with a license provider private key.

164. (Previously Presented) The method of claim 161 wherein receiving the requested license comprises receiving a license further including a certificate indicating that the license provider has the authority to issue the generated license.

165. (Previously Presented) The method of claim 150 wherein sending the license request comprises sending license request information to the license provider, the license request information including a key ID that identifies a decryption key (KD) for decrypting the digital content, the license provider locating the decryption key (KD) based on the key ID.

166. (Previously Presented) The method of claim 165 wherein the license request originates from a device having a public key, and wherein receiving the requested license comprises receiving a license including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

167. (Previously Presented) The method of claim 150 wherein negotiating the terms and conditions includes providing further information to the license provider as defined thereby.

168. (Previously Presented) The method of claim 150 wherein negotiating the terms and conditions includes determining a payment instrument for paying for the requested license.

169. (Previously Presented) The method of claim 150 wherein negotiating the terms and conditions includes determining a payment schedule for paying for the requested license.

170. (Previously Presented) The method of claim 150 wherein the license provider maintains a record of the issued license, the method further comprising receiving from the license provider upon request a re-issue of the issued license based upon the record of the issued license, wherein the re-issue can replace the issued license in the case where the issued license is lost.

171. (Previously Presented) The method of claim 150 further comprising placing the issued license in a license storage location.

172. (Previously Presented) The method of claim 150 wherein the receiving the license step comprises receiving the license in a form separate from the digital content.

173. (Previously Presented) A method for a license provider to provide a digital license for rendering a piece of digital content comprising:

- receiving a request for the license from a license requestor having a public key;
- checking the license request for validity;
- negotiating terms and conditions for the requested license with the license requestor;

generating the requested license including a decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the license requestor; and
issuing the generated license to the license requestor.

174. (Previously Presented) The method of claim 173 wherein the license provider is a license server attached to a communications network, and wherein receiving the license request occurs over the communications network.

175. (Previously Presented) The method of claim 174 wherein issuing the generated license occur over the communications network.

176. (Previously Presented) The method of claim 173 wherein the license request originates from a device including a security portion, and wherein receiving the license request comprises receiving license request information including:

- an identification of the device;
- an identification of the license requestor;
- a public key of the device;
- a version number of the security portion;
- a certificate with a digital signature from a certifying authority certifying the security portion;
- a content ID that identifies the digital content; and

a key ID that identifies a decryption key (KD) for decrypting the digital content.

177. (Previously Presented) The method of claim 176 wherein generating the requested license comprises generating the requested license based on the license request information.

201 178. (Previously Presented) The method of claim 173 wherein the license request originates from a device including a security portion, wherein receiving the license request comprises receiving license request information including a version number of the security portion, and wherein checking the license request for validity includes checking the version number of the security portion to determine whether such version number is current.

179. (Previously Presented) The method of claim 178 further comprising refusing to issue the requested license until the security portion is upgraded to a version having a current version number.

180. (Previously Presented) The method of claim 173 wherein the license request originates from a device including a security portion, wherein receiving the license request comprises receiving license request information including a certificate with a digital signature from a certifying authority certifying the security portion, and wherein checking the license request for validity includes checking the certificate with the digital

signature from the certifying authority to determine whether such digital signature has been modified.

181. (Previously Presented) The method of claim 173 wherein receiving the license request comprises receiving license request information including an identification of the license requestor, and wherein checking the license request for validity includes checking the identified license requestor against a list of license requestors to determine whether such license requestor is license-able.

182. (Previously Presented) The method of claim 173 wherein the license request originates from a device, wherein receiving the license request comprises receiving license request information including an identification of the device, and wherein checking the license request for validity includes checking the identified device against a list of devices to determine whether such device is license-able.

183. (Previously Presented) The method of claim 173 wherein receiving the license request comprises receiving license request information including a content ID that identifies the digital content, the method further comprising locating license provider information corresponding to the digital content based on the content ID, the license provider information including a decryption key (KD) for decrypting the digital content, license data regarding types of licenses available for the digital content, and terms and conditions for each type of license.

184. (Previously Presented) The method of claim 183 further comprising transmitting to the license requestor information on the types of licenses available for the digital content.

185. (Previously Presented) The method of claim 183 wherein generating the requested license comprises generating a license including:
the content ID of the digital content; and
the terms and conditions of the license.

pl 186. (Previously Presented) The method of claim 185 wherein the license request originates from a device having a public key, and wherein generating the requested license comprises generating a license further including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

187. (Previously Presented) The method of claim 185 wherein generating the requested license comprises generating a license further including a digital signature from the license provider based on at least a portion of the generated license, the digital signature being encrypted with a license provider private key.

188. (Previously Presented) The method of claim 185 wherein generating the requested license comprises generating a license further including a certificate indicating that the license provider has the authority to issue the generated license.

189. (Previously Presented) The method of claim 173 wherein receiving the license request comprises receiving license request information including a key ID that identifies a decryption key (KD) for decrypting the digital content, the method further comprising locating the decryption key (KD) for decrypting the digital content based on the key ID.

Dr 190. (Previously Presented) The method of claim 189 wherein the license request originates from a device having a public key, and wherein generating the requested license comprises generating a license including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

191. (Previously Presented) The method of claim 173 wherein negotiating the terms and conditions includes receiving further information as defined by the license provider.

192. (Previously Presented) The method of claim 173 wherein negotiating the terms and conditions includes determining a payment instrument for paying for the requested license.

193. (Previously Presented) The method of claim 173 wherein negotiating the terms and conditions includes determining a payment schedule for paying for the requested license.

194. (Previously Presented) The method of claim 173 wherein generating the requested license comprises generating the requested license based on the license request.

195. (Previously Presented) The method of claim 173 further comprising maintaining a record of the issued license.

196. (Previously Presented) The method of claim 195 further comprising providing to the license requestor upon request a re-issue of the issued license based upon the record of the issued license, wherein the re-issue can replace the issued license in the case where the issued license is lost.

197. (Previously Presented) The method of claim 173 wherein the issuing the license step comprises issuing the license in a form separate from the digital content.

198. (Previously Presented) A digital license for rendering a piece of digital content on a device having a public key and a private key, the digital content having a

content ID, being encrypted, and being decryptable with a decryption key (KD), the digital license comprising:

the content ID of the digital content;

a license rights description specifying terms and conditions that must be satisfied before the digital content may be rendered; and

the decryption key (KD) for decrypting the digital content, the decryption key being encrypted with the public key of the device (PU(KD)), wherein the device can apply the private key thereof to (PU(KD)) to obtain the decryption key (KD).

199. (Previously Presented) The license of claim 198 wherein the license rights description is encrypted with the decryption key (KD).

200. (Previously Presented) The license of claim 198 further comprising a digital signature for validating the license.

201. (Previously Presented) The license of claim 200 wherein the license is provided by a license server having a private key and a public key, and wherein the digital signature is encrypted with the private key of the license server.

202. (Previously Presented) The license of claim 200 wherein the digital signature is based at least in part on the license rights description, wherein alteration of the license rights description prevents the digital signature from validating the license.

203. (Previously Presented) The license of claim 200 wherein the digital signature is based at least in part on (PU(KD)), wherein alteration of (PU(KD)) prevents the digital signature from validating the license.

204. (Previously Presented) The license of claim 198 wherein the license rights description is written in a predetermined license language, the digital license further comprising a license language tag specifying the license language.

205. (Previously Presented) The license of claim 198 wherein the license is provided by a license server and the digital content is provided by a content server, the license further comprising a certificate from the content server indicating that the license server has authority from the content server to provide the license.

206. (Previously Presented) The license of claim 205 wherein the license server has a public key and a private key, and wherein the certificate includes the public key of the license server.

207. (Previously Presented) The license of claim 206 wherein the content server has a public key and a private key, wherein the certificate is signed with the private key of the content server, and wherein the device obtains the public key of the content server to decrypt the encrypted signature.

208. (Previously Presented) The license of claim 198 wherein the license is provided by a license server authorized by a root source to provide the license, the license further comprising a certificate from the root source indicating that the license server has authority from the root source to provide the license.

209. (Previously Presented) The license of claim 208 wherein the license server has a public key and a private key, and wherein the certificate includes the public key of the license server.

210. (Previously Presented) The license of claim 209 wherein the root source has a public key and a private key, wherein the certificate is signed with the private key of the root source, and wherein the device obtains the public key of the root source to decrypt the encrypted signature.

211. (Previously Presented) The license of claim 198 wherein the license is provided by a license server authorized by an intermediary source to provide the license, the intermediary source in turn being authorized by a root source to authorize the license server, the license further comprising a first certificate from the root source indicating that the intermediary source has authority from the root source to authorize the license server, and a second certificate from the intermediary source indicating that the license server has authority from the intermediary source to provide the license.

212. (Previously Presented) The license of claim 211 wherein the license server has a public key and a private key, wherein the intermediary source has a public key and a private key, wherein the first certificate includes the public key of the intermediary source, and wherein the second certificate includes the public key of the license server.

213. (Previously Presented) The license of claim 212 wherein the root source has a public key and a private key, wherein the first certificate is signed with the private key of the root source, wherein the second certificate is signed with the private key of the intermediary source, and wherein the device obtains the public key of the root source to decrypt the encrypted signature of the first certificate, and wherein the device obtains the public key of the intermediary source from the first certificate to decrypt the encrypted signature of the second certificate.

214. (Previously Presented) The license of claim 198 in a form separate from the digital content.

215. (Previously Presented) A computer-readable medium having stored thereon a data structure corresponding to a digital license for rendering a piece of digital content on a device having a public key and a private key, the digital content having a content ID, being encrypted, and being decryptable with a decryption key (KD), the data structure comprising:

a first data field containing the content ID of the digital content;

a second data field containing a license rights description specifying terms and conditions that must be satisfied before the digital content may be rendered; and

a third data field containing the decryption key (KD) for decrypting the digital content, the decryption key being encrypted with the public key of the device (PU(KD)), wherein the device can apply the private key thereof to (PU(KD)) to obtain the decryption key (KD).

216. (Previously Presented) The data structure of claim 215 wherein the license rights description is encrypted with the decryption key (KD).

217. (Previously Presented) The data structure of claim 215 further comprising a fourth data field containing a digital signature for validating the license.

218. (Previously Presented) The data structure of claim 217 wherein the data structure is provided by a license server having a private key and a public key, and wherein the digital signature is encrypted with the private key of the license server.

219. (Previously Presented) The data structure of claim 217 wherein the digital signature is based at least in part on the license rights description, wherein alteration of the license rights description prevents the digital signature from validating the license.

220. (Previously Presented) The data structure of claim 217 wherein the digital signature is based at least in part on (PU(KD)), wherein alteration of (PU(KD)) prevents the digital signature from validating the license.

221. (Previously Presented) The data structure of claim 215 wherein the license rights description is written in a predetermined license language, the digital license further comprising a fourth data field containing a license language tag specifying the license language.

222. (Previously Presented) The data structure of claim 215 wherein the data structure is provided by a license server and the digital content is provided by a content server, the data structure further comprising a fourth data field containing a certificate from the content server indicating that the license server has authority from the content server to provide the data structure.

223. (Previously Presented) The data structure of claim 222 wherein the license server has a public key and a private key, and wherein the certificate includes the public key of the license server.

224. (Previously Presented) The data structure of claim 223 wherein the content server has a public key and a private key, wherein the certificate is signed with the private key of the content server, and wherein the device obtains the public key of the content server to decrypt the encrypted signature.

225. (Previously Presented) The data structure of claim 215 wherein the data structure is provided by a license server authorized by a root source to provide the license, the license further comprising a fourth data field containing a certificate from the root source indicating that the license server has authority from the root source to provide the license.

226. (Previously Presented) The data structure of claim 225 wherein the license server has a public key and a private key, and wherein the certificate includes the public key of the license server.

227. (Previously Presented) The data structure of claim 226 wherein the root source has a public key and a private key, wherein the certificate is signed with the private key of the root source, and wherein the device obtains the public key of the root source to decrypt the encrypted signature.

228. (Previously Presented) The data structure of claim 215 wherein the data structure is provided by a license server authorized by an intermediary source to provide the license, the intermediary source in turn being authorized by a root source to authorize the license server, the license further comprising a fourth data field containing a first certificate from the root source indicating that the intermediary source has authority from the root source to authorize the license server, and a fifth data field containing a second

certificate from the intermediary source indicating that the license server has authority from the intermediary source to provide the license.

229. (Previously Presented) The data structure of claim 228 wherein the license server has a public key and a private key, wherein the intermediary source has a public key and a private key, wherein the first certificate includes the public key of the intermediary source, and wherein the second certificate includes the public key of the license server.

230. (Previously Presented) The data structure of claim 229 wherein the root source has a public key and a private key, wherein the first certificate is signed with the private key of the root source, wherein the second certificate is signed with the private key of the intermediary source, and wherein the device obtains the public key of the root source to decrypt the encrypted signature of the first certificate, and wherein the device obtains the public key of the intermediary source from the first certificate to decrypt the encrypted signature of the second certificate.

231. (Previously Presented) The data structure of claim 215 separate from the digital content.

232. (Previously Presented) A computer-readable medium having computer-executable instructions for performing a method for a license requestor to obtain a digital license for rendering a piece of digital content comprising:

contacting a license provider;
sending a license request for the license to the contacted license provider, the
license provider thereafter checking the license request for validity;
negotiating terms and conditions for the requested license with the license
provider, the license provider thereafter generating the requested license; and
receiving the generated license as issued by the license provider.

233. (Previously Presented) The computer-readable medium of claim
232 wherein the digital content has corresponding license acquisition information including a
location of a license provider for providing the license, the method further comprising
determining the location of the license provider from the license acquisition information,
wherein contacting the license provider comprises contacting the license provider at the
determined location.

234. (Previously Presented) The computer-readable medium of claim
232 wherein the license provider is a license server attached to a communications network,
and wherein contacting the license server occurs over the communications network.

235. (Previously Presented) The computer-readable medium of claim
234 wherein sending the license request and receiving the generated license occur over the
established network connection.

236. (Previously Presented) The computer-readable medium of claim 232 wherein the license request originates from a device including a security portion, and wherein sending the license request comprises sending license request information to the license provider, the license request information including:

- an identification of the device;
- an identification of the license requestor;
- a public key of the device;
- a version number of the security portion;
- a certificate with a digital signature from a certifying authority certifying the security portion;
- a content ID that identifies the digital content; and
- a key ID that identifies a decryption key (KD) for decrypting the digital content.

237. (Previously Presented) The computer-readable medium of claim 232 wherein the license request originates from a device including a security portion, wherein sending the license request comprises sending license request information to the license provider, the license request information including a version number of the security portion, the license provider checking the version number of the security portion to determine whether such version number is current.

238. (Previously Presented) The computer-readable medium of claim 232 wherein the license request originates from a device including a security portion, wherein

sending the license request comprises sending license request information to the license provider, the license request information including a certificate with a digital signature from a certifying authority certifying the security portion, license provider checking the certificate with the digital signature from the certifying authority to determine whether such digital signature has been modified.

239. (Previously Presented) The computer-readable medium of claim 232 wherein sending the license request comprises sending license request information to the license provider, the license request information including an identification of the license requestor, the license provider checking the identified license requestor against a list of license requestors to determine whether such license requestor is license-able.

240. (Previously Presented) The computer-readable medium of claim 232 wherein the license request originates from a device, wherein sending the license request comprises sending license request information to the license provider, the license request information including an identification of the device, the license provider checking the identified device against a list of devices to determine whether such device is license-able.

241. (Previously Presented) The computer-readable medium of claim 232 wherein sending the license request comprises sending license request information to the license provider, the license request information including a content ID that identifies the digital content, the license provider locating license provider information corresponding to the digital content based on the content ID.

242. (Previously Presented) The computer-readable medium of claim 241 wherein the license provider information includes a decryption key (KD) for decrypting the digital content, license data regarding types of licenses available for the digital content, and terms and conditions for each type of license, the method further comprising receiving from the license provider information on the types of licenses available for the digital content.

243. (Previously Presented) The computer-readable medium of claim 241 wherein receiving the requested license comprises receiving a license including:
the content ID of the digital content; and
the terms and conditions of the license.

244. (Previously Presented) The computer-readable medium of claim 243 wherein the license request originates from a device having a public key, and wherein receiving the requested license comprises receiving a license further including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

245. (Previously Presented) The computer-readable medium of claim 243 wherein receiving the requested license comprises receiving a license further including a digital signature from the license provider based on at least a portion of the generated license, the digital signature being encrypted with a license provider private key.

246. (Previously Presented) The computer-readable medium of claim 243 wherein receiving the requested license comprises receiving a license further including a certificate indicating that the license provider has the authority to issue the generated license.

247. (Previously Presented) The computer-readable medium of claim 232 wherein sending the license request comprises sending license request information to the license provider, the license request information including a key ID that identifies a decryption key (KD) for decrypting the digital content, the license provider locating the decryption key (KD) based on the key ID.

248. (Previously Presented) The computer-readable medium of claim 247 wherein the license request originates from a device having a public key, and wherein receiving the requested license comprises receiving a license including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

249. (Previously Presented) The computer-readable medium of claim 232 wherein negotiating the terms and conditions includes providing further information to the license provider as defined thereby.

250. (Previously Presented) The computer-readable medium of claim 232 wherein negotiating the terms and conditions includes determining a payment instrument for paying for the requested license.

251. (Previously Presented) The computer-readable medium of claim 232 wherein negotiating the terms and conditions includes determining a payment schedule for paying for the requested license.

201 252. (Previously Presented) The computer-readable medium of claim 232 wherein the license provider maintains a record of the issued license, the method further comprising receiving from the license provider upon request a re-issue of the issued license based upon the record of the issued license, wherein the re-issue can replace the issued license in the case where the issued license is lost.

253. (Previously Presented) The computer-readable medium of claim 232 further comprising placing the issued license in a license storage location.

254. (Previously Presented) The computer-readable medium of claim 232 wherein the receiving the license step comprises receiving the license in a form separate from the digital content.

255. (Previously Presented) A computer-readable medium having computer-executable instructions for performing a method for a license provider to provide a digital license for rendering a piece of digital content comprising:

receiving a request for the license from a license requestor;
checking the license request for validity;
negotiating terms and conditions for the requested license with the license requestor;
generating the requested license; and
issuing the generated license to the license requestor.

01

256. (Previously Presented) The computer-readable medium of claim 255 wherein the license provider is a license server attached to a communications network, and wherein receiving the license request occurs over the communications network.

257. (Previously Presented) The computer-readable medium of claim 256 wherein issuing the generated license occur over the communications network.

258. (Previously Presented) The computer-readable medium of claim 255 wherein the license request originates from a device including a security portion, and wherein receiving the license request comprises receiving license request information including:

an identification of the device;
an identification of the license requestor;


a public key of the device;

a version number of the security portion;

a certificate with a digital signature from a certifying authority certifying the security portion;

a content ID that identifies the digital content; and

a key ID that identifies a decryption key (KD) for decrypting the digital content.



259. (Previously Presented) The computer-readable medium of claim 258 wherein generating the requested license comprises generating the requested license based on the license request information.

260. (Previously Presented) The computer-readable medium of claim 255 wherein the license request originates from a device including a security portion, wherein receiving the license request comprises receiving license request information including a version number of the security portion, and wherein checking the license request for validity includes checking the version number of the security portion to determine whether such version number is current.

261. (Previously Presented) The computer-readable medium of claim 260 further comprising refusing to issue the requested license until the security portion is upgraded to a version having a current version number.

262. (Previously Presented) The computer-readable medium of claim 255 wherein the license request originates from a device including a security portion, wherein receiving the license request comprises receiving license request information including a certificate with a digital signature from a certifying authority certifying the security portion, and wherein checking the license request for validity includes checking the certificate with the digital signature from the certifying authority to determine whether such digital signature has been modified.

263. (Previously Presented) The computer-readable medium of claim 255 wherein receiving the license request comprises receiving license request information including an identification of the license requestor, and wherein checking the license request for validity includes checking the identified license requestor against a list of license requestors to determine whether such license requestor is licenseable.

264. (Previously Presented) The computer-readable medium of claim 255 wherein the license request originates from a device, wherein receiving the license request comprises receiving license request information including an identification of the device, and wherein checking the license request for validity includes checking the identified device against a list of devices to determine whether such device is licenseable.

265. (Previously Presented) The computer-readable medium of claim 255 wherein receiving the license request comprises receiving license request information including a content ID that identifies the digital content, the method further comprising

locating license provider information corresponding to the digital content based on the content ID, the license provider information including a decryption key (KD) for decrypting the digital content, license data regarding types of licenses available for the digital content, and terms and conditions for each type of license.

266. (Previously Presented) The computer-readable medium of claim 265 further comprising transmitting to the license requestor information on the types of licenses available for the digital content.

267. (Previously Presented) The computer-readable medium of claim 265 wherein generating the requested license comprises generating a license including:
the content ID of the digital content; and
the terms and conditions of the license.

268. (Previously Presented) The computer-readable medium of claim 267 wherein the license request originates from a device having a public key, and wherein generating the requested license comprises generating a license further including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

269. (Previously Presented) The computer-readable medium of claim 267 wherein generating the requested license comprises generating a license further including

a digital signature from the license provider based on at least a portion of the generated license, the digital signature being encrypted with a license provider private key.

270. (Previously Presented) The computer-readable medium of claim 267 wherein generating the requested license comprises generating a license further including a certificate indicating that the license provider has the authority to issue the generated license.

271. (Previously Presented) The computer-readable medium of claim 255 wherein receiving the license request comprises receiving license request information including a key ID that identifies a decryption key (KD) for decrypting the digital content, the method further comprising locating the decryption key (KD) for decrypting the digital content based on the key ID.

272. (Previously Presented) The computer-readable medium of claim 271 wherein the license request originates from a device having a public key, and wherein generating the requested license comprises generating a license including the decryption key (KD) for decrypting the digital content, such decryption key (KD) being encrypted with the public key of the device.

273. (Previously Presented) The computer-readable medium of claim 255 wherein negotiating the terms and conditions includes receiving further information as defined by the license provider.

274. (Previously Presented) The computer-readable medium of claim 255 wherein negotiating the terms and conditions includes determining a payment instrument for paying for the requested license.

275. (Previously Presented) The computer-readable medium of claim 255 wherein negotiating the terms and conditions includes determining a payment schedule for paying for the requested license.

276. (Previously Presented) The computer-readable medium of claim 255 wherein generating the requested license comprises generating the requested license based on the license request.

277. (Previously Presented) The computer-readable medium of claim 255 further comprising maintaining a record of the issued license.

278. (Previously Presented) The computer-readable medium of claim 277 further comprising providing to the license requestor upon request a re-issue of the issued license based upon the record of the issued license, wherein the re-issue can replace the issued license in the case where the issued license is lost.

01

279. (Previously Presented) The computer-readable medium of claim 255 wherein the issuing the license step comprises issuing the license in a form separate from the digital content.

280. (New) A method for a server to provide to a client computer a digital license of one or more rights to render digital content, the digital content encrypted with a decryption key, the method comprising:

receiving, from the client computer, a license request, the license request containing a key identifier that identifies the decryption key;

02

responsive to the request, generating a license response including a digital rights license, the decryption key identified by the key identifier, and at least one server certificate to be used by the client computer to validate the license response; and

transmitting the license response to the client computer.

281. (New) The method of claim 280 wherein the license request includes a content identifier, and a list containing one or more requested rights, and wherein the generating further comprises:

generating the digital rights license based on the one or more requested rights.

282. (New) The method of claim 280 wherein the license request includes a client certificate associated with the client computer.

283. (New) The method of claim 280 wherein transmitting comprises:

transmitting the license response to the client computer as part of an HTML page.

284. (New) The method of claim 280 wherein generating comprises:
at least partially encrypting one or more elements in the license response; and
encoding the license response.

285. (New) The method of claim 280 wherein the license request includes a public key associated with the client computer and wherein the generating comprises:

encrypting the decryption key with the public key to obtain an encrypted decryption key;

encrypting the digital rights license with the decryption key to obtain an encrypted digital rights license; and

generating the license response including the encrypted digital rights license, the encrypted decryption key, and at least one certificate to be used by the client computer to validate the license response.

286. (New) The method of claim 280 wherein the at least one server certificate comprises a first certificate for validating the server.

287. (New) The method of claim 286 wherein the at least one server certificate further comprises a second certificate for validating a second server associated with the digital content.

288. (New) The method of claim 280 wherein the license request is contained in an HTTP request transmitted by the client computer to an address identified by the digital content.

289. (New) The method of claim 280 wherein the license request includes a version number for a Digital Rights Management (DRM) system on the client computer.

290. (New) A method for a server to provide to a client computer a digital license of one or more rights to render digital content, the digital content encrypted with a decryption key, the method comprising:

receiving, from the client computer, a license request, the license request containing a key identifier that identifies the decryption key; and

responsive to the request, transmitting a license response to the client computer, the license response including a digital rights license, the decryption key identified by the key identifier, and at least one server certificate to be used by the client computer to validate the license response.

291. (New) The method of claim 290 wherein the license request includes a content identifier, and a list containing one or more requested rights, and wherein the digital rights license grants rights based on the one or more requested rights.

292. (New) The method of claim 290 wherein the license request includes a client certificate associated with the client computer.

293. (New) The method of claim 290 wherein transmitting comprises:
transmitting the license response to the client computer as part of an HTML page.

294. (New) The method of claim 290 wherein transmitting further comprises:
transmitting the license response in an encoded and at least partially encrypted state.

295. (New) The method of claim 290 wherein the license request includes a public key associated with the client computer and wherein the transmitting further comprises:

transmitting the decryption key as an encrypted decryption key, the encrypted decryption key being the decryption key encrypted with the public key; and

transmitting the digital rights license as an encrypted digital rights license, the encrypted digital rights license being the digital rights license encrypted with the decryption key.

296. (New) The method of claim 290 wherein the at least one server certificate comprises a first certificate for validating the server.

297. (New) The method of claim 296 wherein the at least one server certificate further comprises a second certificate for validating a second server associated with the digital content.

92

298. (New) The method of claim 290 wherein the license request is contained in an HTTP request transmitted by the client computer to an address identified by the digital content.

299. (New) The method of claim 290 wherein the license request includes a version number for a Digital Rights Management (DRM) system on the client computer.
